

**BY ORDER OF THE COMMANDER
ELEVENTH AIR FORCE**



AIR FORCE INSTRUCTION 91-202

**11TH AIR FORCE
Supplement**

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Safety*

**THE US AIR FORCE MISHAP
PREVENTION PROGRAM**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This supplement implements and extends the guidance of Air Force Instruction 91-202, *The US Air Force Mishap Prevention Program*, **1 August 1998**. It assigns responsibilities for program elements and contains program management information and clarification of inspection and assessment requirements on Elmendorf AFB. Refer recommended changes and questions about this publication to the office of primary responsibility (OPR) (see [Attachment 1](#)) using the AF Form 847, *Recommendation for Change of Publication*. Route the AF Form 847 through the appropriate chain of command. Ensure all records created as a result of processes in this publication are maintained in accordance with AFMAN37-123, *Management of Records*, and disposed of in accordance with the Air Force Disposition Schedule. This publication does not apply to US Air Force Reserve or Air National Guard units and members.

Summary of Changes

This document is substantially revised and must be completely reviewed. This revision provides minor administrative updates and changes the name of the 611th Air Support Group (611 ASG) to the 611th Mission Support Group (611 MSG). Provides clarification of inspection and assessment requirements for 611 MSG and 611th Air Operations Group (611 AOG) in paragraphs [3.1.3.3](#), [3.5](#), [4.3.1](#), [4.3.3](#), [6.2](#), [8.1.3.1](#), [8.3.1.3](#) Forward Operating Bases (FOB), Long

Range Radar Sites (LRRS), Short Range Radar Sites (SRRS), and Eareckson AS will be addressed throughout this supplement as 611 MSG installations.

3.1. **(Added)** . The 3 WG/SE is the host ground safety office to 11 AF Staff, 611 MSG, and 611 AOG. The 3 WG/SE is responsible to conduct annual facilities inspections for these units.

3.1.3.2. **(Added)** . Safety inspections of 611 MSG installations are the responsibility of 611 ASUS/QA, in conjunction with 611 MSG installation contractors. The 11 AF/SE, in conjunction with 3 WG/SE, will conduct periodic visits to 611 MSG installations. Periodic visits to forward operating bases (FOB) during active flying deployments are desired.

3.3. **(Added)** . The 11 AF/SEG will perform an assessment of the 611 AOG and 611 MSG at intervals not to exceed 3 years.

3.5. **(Added)** . The 611 ASUS/QA is the point of contact for safety matters concerning contract personnel at 611 MSG installations.

4.3.1. **(Added)** . Contract personnel at 611 MSG installations should report hazards concerning government furnished equipment that cannot be eliminated immediately to 611 ASUS/QA through the administrative contracting officer.

4.3.3. **(Added)** . All hazard reports pertaining to 611 MSG installations will be tracked through the 3 WG/SE hazard reporting program. Coordinate with 611 ASUS/QA personnel on specifics of the hazard report.

6.2. **(Added)** . The 611 MSG and 611 AOG will appoint primary and alternate Unit Safety Representatives (USR). Send the appointment letter to 3 WG/SEG and send the USRs to Wing Safety for training. Training is conducted in the Wing Safety Office conference room in Building 10427 every 3rd Wednesday of the month at 1400.

7.11.2.4. **(Added)** . The 611 MSG installations which are owned and operated by, or under contract to, the USAF will be maintained in accordance with the habitat guidelines as set forth in AFP 91-212, *Bird Aircraft Strike Hazard (BASH) Management Techniques*. The 611 MSG installations may deviate from these guidelines when a sound risk assessment indicates positive benefit from the deviation, or the cost of modification of the existing habitat outweighs the potential decrease in risk. Modifications or deviations from the AFP 91-212 guidelines occurring at 611 MSG installations that are not the direct result of soil, climatic, or terrain features, will be staffed by 611 MSG and 11 AF/SE and approved by 11 AF/CV. Approved 611 MSG deviations are listed in **Attachment 2**, this supplement.

7.11.2.4.1. **(Added)** . Each 611 MSG installation owned and operated by, or under contract to, the USAF will establish a bird exclusion zone (BEZ). This BEZ will be used as an aid in determining the bird watch condition (BWC) and will incorporate the area in which both passive and active harassment techniques will be employed. As a baseline, a BEZ should include a 1,000 foot buffer around all physical surfaces used for operation of USAF aircraft. The 611 MSG installations will include a description of their BEZ in their BASH plans and may deviate from the baseline BEZ, based on sound risk management. The 611 MSG installations which are owned and operated by, or under contract to, the USAF will establish a BEZ for the purpose of declaring a BWC. Due to the infrequent operations at a 611 MSG installations, the passive and active harassment techniques used at 611 MSG installations need not be employed on a continuing basis. Modifications or deviations to the baseline BEZ occurring at 611 MSG

installations will be staffed by 611 MSG and 11 AF/SE and approved by 11 AF/CV. Approved deviations at 611 MSG installations are listed in [Attachment 2](#), this supplement.

7.11.2.4.2. **(Added)** . The 611 MSG installation BASH plans will be reviewed annually, prior to the start of spring migration by 611 CES/CEVP.

7.11.2.4.3. **(Added)** . An accurate BWC **MUST** be declared before any flying operation may occur at 611 MSG installations owned and operated by, under contract to the USAF. The meaning of each BWC may be found in AFP 91-212. The criteria for declaring **BWC MODERATE** are: concentrations of approximately 5 to 15 large birds (water fowl, gulls, ravens, or other birds of similar or large size), or approximately 15 to 30 small birds (starlings, sparrows, and so forth) within the BEZ, but not meeting the **SEVERE** criteria. **BWC SEVERE** should be declared when: any large bird or concentration of birds (including those in the **MODERATE** description) are on or above the runway, in the arrival/departure routes, or are at concentration in the BEZ greater than **MODERATE**.

7.11.2.4.4. **(Added)** . BWCs place the following restrictions on aircraft operations:

<u>PHASE</u>	<u>BWC LOW</u>	<u>BWC MODERATE</u>	<u>BWC SEVERE</u>
Takeoff	Normal OPS	Allowed Only When Departure Route Avoids Identified Bird Activity	T/O Prohibited W/O OG/CC Approval
Pattern and Landing	Normal OPS	Only If Arrival Route Avoids Identified Bird Activity. Discontinue Multiple Patterns Unless Specifically Approved By The OG/CC	Pattern and Landing Prohibited Without OG/CC Approval, Except In Emergency

7.11.2.4.5. **(Added)** . State, private, or leased airfields comply with Federal Aviation Administration (FAA) requirements for animal control and aircraft notification. Aircrews operating on these fields should use any means available to obtain updated animal information before landing/takeoff. The primary sources of information should be the control tower, supervisor of flying (SOF) (if available), Base Operations Support Contractor, the appropriate flight service station (FSS), and finally UNICOM with other aircraft operating to/from the airfield. If satisfactory information cannot be obtained or the information is of questionable accuracy, visually inspect the field before landing/takeoff, if conditions permit. Aircrews who experience problems obtaining satisfactory information at contractor operated airfields should report the incident to 11 AF/SE.

7.11.2.4.6. **(Added)** . Operations Into/From 611 MSG installations will comply with the following:

7.11.2.4.6.1. **(Added)** . At two-way sites, **BWC MODERATE** may warrant an over flight of the field for visual inspection. If **BWC SEVERE**, aircraft will hold, situation permitting, until the wildlife is dispersed.

7.11.2.4.6.2. **(Added)** . At one-way sites, airfield conditions must be briefed prior to passing the point of commitment. If **BWC MODERATE** is called, the location of the wildlife, the weather, and other factors will be considered before committing to land. If **BWC SEVERE** is called the aircraft will hold, situation permitting, until the wildlife is dispersed.

7.11.2.4.6.3. **(Added)** . The 517 AS will maintain site tapes on Cape Newenham, Cape Romanzof, Sparrovohn, Indian Mountain, Tatalina, Cape Lisburne, and Tin City. These tapes help identify a point of commitment and potential locations for wildlife hazards. Aircrews viewing of these tapes is encouraged before a mission into one of these sites.

8.1.3.1. **(Added)** . The 611 MSG and 611 AOG will comply with the host safety office requirements and will receive the same safety services as wing subordinate units.

8.3.1.3. **(Added)** . The 611 AOG and 611 MSG will assist 3 WG/SE in the investigation of unit mishaps. The 3 WG/SE is responsible for reporting Class C mishaps.

10.4.8.1. **(Added)** . Any deployment to 611 MSG installations involving explosives or live munitions and not conducted in support of ANR 3310, *Air Sovereignty and Aerospace Defense of North America*, CINCNOAD COMPLAN 3310, *Air Sovereignty and Aerospace Defense of North America*, or 11 AF OpOrd 92-2, *Pony Express/Kennel Freelance*, COM 11 AF OpOrd 92-2, *Pony Express/Kennel Freelance*, **MUST** coordinate explosive and munitions storage with 11 AF/SE, prior to conducting the deployment.

10.4.8.2. **(Added)** . Currently, explosive site plans exist for King Salmon, Galena, and Eareckson. New construction or the planned change-of-use of existing structures at these locations **MUST** be coordinated with 11 AF/SE.

12 (Added). Forms Adopted and Prescribed:

12.1. **(Added)** . **Adopted:** AF Form 847, *Recommendation for Change of Publication*.

12.2. **(Added)** . **Prescribed:** No forms were prescribed by this publication.

CARROL H CHANDLER, Lieutenant General, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

ANR 3310, *Air Sovereignty and Aerospace Defense of North America*.

CINCNOAD COMPLAN 3310, *Air Sovereignty and Aerospace Defense of North America*.

AFMAN37-123, *Management of Records*.

AFI 91-202, *The US Air Force Mishap Prevention Program*.

AFP 91-212, *Bird Aircraft Strike Hazard (BASH) Management Techniques*.

11 AF OpOrds 92-2, *Pony Express/Kennel Freelance*.

COM 11 AF OpOrds 92-2, *Pony Express/Kennel Freelance*.

Acronyms and Abbreviations

BEZ— Bird Exclusion Zone.

BWC— Bird Watch Condition.

FAA— Federal Aviation Administration.

FSS— Flight Service Station.

FOB— Forward Operating Bases.

OPR— Office of Primary Responsibility.

SOF— Supervisor of Flying.

Attachment 2**HABITAT AND BEZ DESCRIPTIONS FOR 611 MSG INSTALLATIONS**

There are no waivers at the time of publication.